

Inventor(s): JEONG, Jae Goan

Appl. No.: 09 751,939

Series Code ↑

Serial No. ↑

Filed: January 2, 2001

Hon. Commissioner of Patents

Washington, D.C. 20231

Group Art Unit 2818

Examiner: David VU

Atty. Dkt. P 275428 2000-OPH-2055

M#

Client Ref

Appl. Title: TRANSISTOR AND METHOD FOR  
FABRICATING THE SAME

Sir:

**REPLY/AMENDMENT/LETTER**

Date: October 8, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

## 1. Small Entity claim

A. ☒ NOT madeB. ☐ WithdrawnC. ☐ made herewithD. ☐ made previously

For B & C  
See **Required**  
**Separate Paper**  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	6	**minus 20 0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	2	***minus 3 0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... add			+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: October 8, 2002 <input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached (1 mo) \$110/\$55 = (2 mos) \$400/\$200 = (3 mos) \$920/\$460 = (Usable only for ≤ 2mo.OA --- 4 mos) \$1,440/\$720= (Usable only for 30 day/1mo.OA --- 5 mos) \$1,960/\$980=			+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0		
8. Extension Fee Attached			+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....			+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), ..... add			+ \$180	+ \$0	126
or if Rule 97(d) Request ..... add			+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....			+ \$740/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....			x \$740/370 ea	+ \$0	149/249
13. Request for Continued Examination (RCE) .....			+ \$740/370	+ \$0	1179/1279
14. Petition fee for .....				+ \$0	
15. TOTAL FEE ENCLOSED =			\$0		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 82124 275428

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Glenn J. Perry

Reg. No. 28,458

Sig:



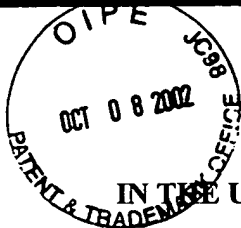
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Atty/Sec: GJP/tnl

**NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#12 / Amatt B (NE)  
10/15/02  
C. Moore

In re PATENT APPLICATION OF

Confirmation No.: 8888

JEONG, Jae Goan

Group Art Unit: 2818

Appln. No.: 09/751,939

Examiner: David VU

Filed: January 2, 2001

Title: TRANSISTOR AND METHOD FOR FABRICATING THE SAME

October 8, 2002

\* \* \* \* \*

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 8, 2002, please amend the above identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

1. (Twice Amended) A transistor comprising:

a device isolation film formed on a semiconductor substrate, the device isolation film having a groove therein that exposes a portion of the semiconductor substrate defining an active region and having a substantially vertical profile with respect to the exposed portion of the semiconductor substrate;

a gate electrode structure formed in the central portion of the active region, separated from the device isolation film, wherein the gate electrode structure comprises:

a stacked structure of a gate oxide film, a first gate electrode and a second gate electrode being formed on the semiconductor substrate;

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